

ABSTRACT

An intelligent, modular server management system for coupling a series of remotely located computers to one or more user stations allowing for selective access of the remotely located computers. A centralized computer matrix switching system is provided to enable a computer user station to access and operate a remotely located computer in a stable environment and transmit analog signals through the switching system over an extended range. The centralized computer matrix switching system receives the input from the computer user station or the remotely located computer, including the keyboard, video monitor and mouse signals, and transmits the signals as though the computer user station was directly coupled to the remotely located computer.

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